

SYSTEM AND METHOD FOR PROVIDING DYNAMIC SCREENING OF TRANSIENT MESSAGES IN A DISTRIBUTED COMPUTING ENVIRONMENT

Abstract

5 A system and method for providing dynamic screening of transient
messages in a distributed computing environment is disclosed. An incoming
message is intercepted at a network domain boundary. The incoming message
includes a header having a plurality of address fields, each storing contents. A set
of blocking rules is maintained. Each blocking rule defines readily-discoverable
10 characteristics indicative of messages infected with at least one of a computer
virus, malware and bad content. The contents of each address field are identified
and checked against the blocking rules to screen infected messages and identify
clean messages. Each such clean message is staged into an intermediate message
queue pending further processing.